## CLAIMS

What is claimed is:

1 1. A method comprising:

- 2 accessing indexing data associated with a data unit
- 3 previously stored within a storage device, the data unit
- 4 including content in a scrambled format;
- 5 using at least a portion of the indexing data,
- 6 determining whether the content in the scrambled format is
- 7 capable of being descrambled by a descrambler using a
- 8 currently valid descrambling key;
- 9 retrieving the data unit; and
- 10 forming a data stream for processing by the
- 11 descrambler, the data stream including a trigger data
- 12 sequence inserted prior to the data unit, the trigger data
- 13 sequence to identify that the data unit is capable of
- 14 being descrambled by the descrambler using an updated
- 15 descrambling key differing from the currently valid
- 16 descrambling key.
  - 1 2. The method of claim 1, wherein accessing of the
  - 2 indexing data comprises accessing keying material
  - 3 associated with the data unit from a table stored within
  - 4 the storage device.
  - 1 3. The method of claim 2, wherein the determining
  - 2 whether the content in the scrambled format is capable of
  - 3 being descrambled by the descrambler using the currently
  - 4 valid descrambling key comprises comparing the keying
  - 5 material with a keying material used to produce the
  - 6 current valid descrambling key.
  - 1 4. The method of claim 3, wherein the determining
  - 2 whether the content in the scrambled format is capable of

3 being descrambled by the descrambler using the currently

- 4 valid descrambling key comprises comparing the keying
- 5 material with the current valid descrambling key.
- 1 5. The method of claim 1, wherein the data unit is
- 2 non-sequential in time to a current data unit being
- 3 descrambled by the descrambler using the currently valid
- 4 descrambling key.
- 1 6. The method of claim 1, wherein the trigger data
- 2 sequence includes keying material and a slot number.
- 1 7. The method of claim 1, wherein the trigger data
- 2 sequence includes keying material, a slot number and at
- 3 least one command code to alter functionality of the
- 4 descrambler.
- 1 8. The method of claim 1 further comprising:
- 2 inputting the data stream into a playback buffer;
- 3 retrieving the data stream by the descrambler; and
- 4 in response to detection of the trigger data
- 5 sequence, obtaining the updated descrambling key using
- 6 information contained within the trigger data sequence.
- 9. The method of claim 8, wherein the obtaining of
- 2 the updated descrambling key comprises using keying
- 3 material contained in the trigger data sequence to recover
- 4 a decrambling key pre-stored within a non-volatile memory
- 5 accessible to the descrambler.
- 1 10. A software program stored in a machine readable
- 2 medium and executed by a processor, the software program
- 3 comprising:

- 4 a first module to access indexing data associated
- 5 with a pre-stored data unit, the pre-stored data unit
- 6 including content in a scrambled format; and
- 7 a second module to generate a trigger data sequence
- 8 and insert the trigger data sequence into a data stream
- 9 processed by a descrambler prior to the pre-stored data
- 10 unit in response to detection that the content in the
- 11 scrambled format cannot be descrambled by the descrambler
- 12 using a currently valid descrambling key.
  - 1 11. The software program of claim 10, wherein the
  - 2 indexing data comprises keying material associated with
  - 3 the pre-stored data unit from a table stored within a hard
  - 4 disk drive.
  - 1 12. The software program of claim 10, wherein the
  - 2 pre-stored data unit is non-sequential in time to a
  - 3 current data unit being descrambled by the descrambler
  - 4 using the currently valid descrambling key.
  - 1 13. The software program of claim 10, wherein the
  - 2 trigger data sequence includes keying material and a slot
  - 3 number.
  - 1 14. The software program of claim 10, wherein the
  - 2 trigger data sequence includes keying material, a slot
  - 3 number and at least one command code to alter
  - 4 functionality of the descrambler.
  - 1 15. A digital device, comprising:
  - a storage device adapted to store content received
  - 3 from a transmission and metadata associated with the
  - 4 content, the content includes a video program in a
  - 5 scrambled format;

a descrambler adapted to descramble incoming content

- 7 using a descrambling key stored in any one of a plurality
- 8 of key slots accessible by the descrambler; and
- a host processor in communication with the storage
- 10 device and the descrambler, the host processor to access
- 11 the metadata data and to generate a trigger data sequence
- 12 for insertion into a data stream prior to video program in
- 13 response to detection that the video program is capable of
- 14 being descrambled only by an updated descrambling key
- 15 being different than descrambling keys currently stored in
- 16 the plurality of key slots.
  - 1 16. The digital device of claim 15, wherein the
  - 2 trigger data sequence includes keying material associated
- 3 with the video program and a slot number identifying which
- 4 of the plurality of key slots the updated descrambling key
- 5 is assigned.
- 1 17. The digital device of claim 15, wherein the
- 2 trigger data sequence includes keying material associated
- 3 with the video program, a slot number identifying which of
- 4 the plurality of key slots the updated descrambling key is
- 5 assigned, and at least one command code to alter
- 6 functionality of the descrambler.